



GUIDE FOR USING THE DISHWASHER AND THE WASHING PROGRAM

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Thank you for choosing one of our products.

You are advised to read this manual carefully; it contains all the information you need about the right conditions for the proper, safe use of your dishwasher.

The individual sections are laid out to provide you with a step-by-step guide to all your appliance's functions; the texts are easy to understand and are complete with detailed illustrations.

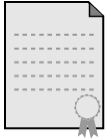
This user-friendly manual will provide answers to all your questions about use of the dishwasher.

For any further information about using and maintaining your dishwasher, please read the enclosed manual carefully.

EUROPEAN STANDARD

Control standard	EN 50242
Comparative program	BIO
Load	14 place settings
Detergent type	B
Detergent dosage	35 g
Rinse aid setting	setting 5

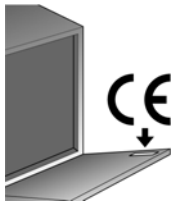
1. Safety and operating instructions



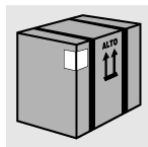
THIS MANUAL FORMS AN INTEGRAL PART OF THE APPLIANCE: IT MUST ALWAYS BE KEPT INTACT TOGETHER WITH THE DISHWASHER. BEFORE USING THE APPLIANCE, CAREFULLY READ ALL THE INSTRUCTIONS CONTAINED IN THIS MANUAL.

INSTALLATION MUST BE PERFORMED BY A QUALIFIED TECHNICIAN, IN COMPLIANCE WITH THE REGULATIONS IN FORCE. THIS APPLIANCE IS INTENDED FOR DOMESTIC USE, AND COMPLIES WITH THE **EEC DIRECTIVES 72/23, 89/336 (INCLUDING 92/31)** CURRENTLY IN FORCE, INCLUDING THE PREVENTION AND ELIMINATION OF RADIO FREQUENCY INTERFERENCE.

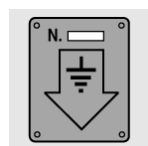
THE APPLIANCE IS DESIGNED FOR THE FOLLOWING PURPOSE: **WASHING AND DRYING OF DISHES**; ANY OTHER USE SHALL BE CONSIDERED IMPROPER. **THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR USES OTHER THAN THOSE DESCRIBED ABOVE.**



THE NAME PLATE FEATURING THE TECHNICAL DATA, SERIAL NUMBER AND MARKINGS IS VISIBLY POSITIONED ON THE INNER EDGE OF THE DOOR. **THE NAME PLATE ON THE INNER EDGE OF THE DOOR MUST NEVER BE REMOVED.**



DO NOT LEAVE THE DISCARDED PACKAGING MATERIALS UNSUPERVISED WITHIN THE HOME. SEPARATE THE VARIOUS MATERIALS WHICH MAKE UP THE PACKAGING AND TAKE THEM TO THE NEAREST SORTED WASTE COLLECTION CENTRE.



THE APPLIANCE MUST BE PROVIDED WITH AN EARTH CONNECTION IN ACCORDANCE WITH THE ELECTRICAL SAFETY REGULATIONS IN FORCE. **THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR DAMAGE TO PERSONS OR PROPERTY RESULTING FROM THE FAILURE TO EARTH THE APPLIANCE OR FROM A DEFECTIVE EARTH CONNECTION.**



IF THE APPLIANCE IS INSTALLED ON A CARPETED OR COVERED FLOOR, ENSURE THAT THE OPENINGS ON ITS UNDERSIDE ARE NOT OBSTRUCTED.

ALWAYS SWITCH OFF THE DISHWASHER AFTER EACH USE TO AVOID WASTING ELECTRICITY.




OBSOLETE APPLIANCES MUST BE RENDERED UNUSABLE. CUT OFF THE MAINS POWER CORD AFTER UNPLUGGING IT FROM THE WALL OUTLET, AND MAKE SAFE ANY COMPONENTS WHICH MIGHT BE DANGEROUS FOR CHILDREN (LOCKS, DOORS, ETC.).



THIS APPLIANCE IS MARKED ACCORDING TO THE **EUROPEAN DIRECTIVE 2002/96/EC** ON WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (**WEEE**).

BY ENSURING THIS PRODUCT IS DISPOSED OF CORRECTLY, YOU WILL HELP PREVENT POTENTIAL NEGATIVE CONSEQUENCES FOR THE ENVIRONMENT AND HUMAN HEALTH, WHICH COULD OTHERWISE BE CAUSED BY INAPPROPRIATE WASTE HANDLING OF THIS PRODUCT.



THE SYMBOL  ON THE PRODUCT, OR ON THE DOCUMENTS ACCOMPANYING THE PRODUCT, INDICATES THAT THIS APPLIANCE MAY NOT BE TREATED AS HOUSEHOLD WASTE. INSTEAD IT SHALL BE HANDED OVER TO THE APPLICABLE COLLECTION POINT FOR THE RECYCLING OF ELECTRICAL AND ELECTRONIC EQUIPMENT.

DISPOSAL MUST BE CARRIED OUT IN ACCORDANCE WITH LOCAL ENVIRONMENTAL REGULATIONS FOR WASTE DISPOSAL. FOR MORE DETAILED INFORMATION ABOUT TREATMENT, RECOVERY AND RECYCLING OF THIS PRODUCT, PLEASE CONTACT YOUR LOCAL CITY OFFICE, YOUR HOUSEHOLD WASTE DISPOSAL SERVICE OR THE SHOP WHERE YOU PURCHASED THE PRODUCT.

IN THE EVENT OF A FAULT, DISCONNECT THE DISHWASHER FROM THE ELECTRICAL POWER SUPPLY AND SHUT OFF THE WATER TAP.



DO NOT USE APPLIANCES WHICH HAVE BEEN DAMAGED DURING TRANSIT! IF IN DOUBT, CONSULT YOUR DEALER.

THE APPLIANCE MUST BE INSTALLED AND CONNECTED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER OR BY A QUALIFIED TECHNICIAN.



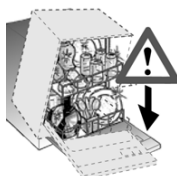
THE APPLIANCE IS INTENDED FOR USE BY ADULTS. DO NOT ALLOW CHILDREN TO COME NEAR OR PLAY WITH THE DISHWASHER. KEEP CHILDREN AWAY FROM DETERGENTS AND FROM THE OPEN DISHWASHER DOOR. THE PACKAGING MATERIALS (PLASTIC BAGS, POLYSTYRENE, METAL BARS, ETC.) MUST NOT BE LEFT WITHIN THE REACH OF CHILDREN.

KEEP CHILDREN AWAY FROM THE OPEN DISHWASHER. THE APPLIANCE MAY CONTAIN RESIDUES OF DETERGENT WHICH CAN CAUSE IRREVERSIBLE DAMAGE TO THE EYES, MOUTH, AND THROAT, AS WELL AS POSSIBLE DEATH BY SUFFOCATION.



DO NOT INTRODUCE SOLVENTS SUCH AS ALCOHOL OR TURPENTINE WHICH MAY CAUSE AN EXPLOSION.

DO NOT LOAD DISHES THAT ARE SOILED WITH ASH, WAX OR PAINTS.



LEANING OR SITTING ON THE DISHWASHER DOOR WHEN OPEN MAY CAUSE THE APPLIANCE TO OVERTURN, PUTTING PEOPLE AT RISK. NEVER LEAVE THE DISHWASHER DOOR OPEN; PEOPLE MIGHT TRIP OVER IT.



DO NOT DRINK THE WATER RESIDUES WHICH MAY BE PRESENT INSIDE THE DISHES OR DISHWASHER AT THE END OF THE WASHING PROGRAM AND BEFORE THE DRYING CYCLE.



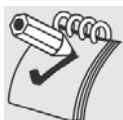
KNIVES OR OTHER SHARP-ENDED COOKING UTENSILS MUST BE PLACED IN THE CUTLERY BASKET BLADE-DOWN, OR LAID HORIZONTAL IN THE TOP BASKET. TAKE CARE NOT TO CUT YOURSELF AND ENSURE THAT THEY DO NOT PROJECT FROM THE BASKET.



AQUASTOP MODELS

THE AQUASTOP DEVICE PREVENTS FLOODING IN THE EVENT OF A WATER LEAK. WHEN THE AQUASTOP DEVICE IS TRIPPED, CALL IN A QUALIFIED TECHNICIAN TO IDENTIFY AND REPAIR THE FAULT.

IN MODELS EQUIPPED WITH THE AQUASTOP DEVICE, THERE IS A SOLENOID VALVE INSIDE THE WATER INTAKE HOSE. **DO NOT CUT THE HOSE AND DO NOT ALLOW THE SOLENOID VALVE TO DROP INTO WATER.** IN THE EVENT OF DAMAGE TO THE WATER INTAKE HOSE, DISCONNECT THE APPLIANCE FROM THE ELECTRICAL POWER SUPPLY AND FROM THE WATER SUPPLY.



IMMEDIATELY AFTER INSTALLING THE DISHWASHER, PERFORM A QUICK TEST OF THE APPLIANCE FOLLOWING THE INSTRUCTIONS BELOW. IF THE DISHWASHER FAILS TO OPERATE CORRECTLY, DISCONNECT IT FROM THE ELECTRICAL POWER SUPPLY AND CALL THE NEAREST TECHNICAL SERVICE CENTRE. **DO NOT ATTEMPT TO REPAIR THE APPLIANCE.**



THE DISHWASHER MEETS ALL THE REQUIREMENTS SET OUT BY THE REGULATIONS IN FORCE CONCERNING SAFETY AND ELECTRICAL EQUIPMENT. ANY TECHNICAL CHECKS SHOULD BE CONDUCTED EXCLUSIVELY BY A TRAINED AND AUTHORISED TECHNICIAN: **REPAIRS CARRIED OUT BY UNAUTHORISED PERSONS WILL INVALIDATE THE WARRANTY, AS WELL AS POSING A POTENTIAL HAZARD TO THE USER.**

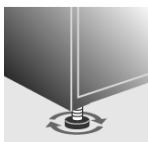
The manufacturer declines all responsibility for damage to persons or property resulting from failure to observe the above precautions, from tampering with even a single component of the appliance, or from the use of non original spare parts.



2. Installation and hook-up

Remove the polystyrene basket retainers.

Position the appliance in the desired place of installation. The back or sides of the dishwasher may be placed up against walls or other furniture units. If the dishwasher is installed near a heat source, fit the special insulating panel to prevent overheating and malfunction of the appliance. To ensure stability, install integrated or built-under dishwashers only under continuous worktops, and screw them to the adjacent units. To facilitate the installation procedure, the intake and drain hoses can be positioned in any direction; make sure that the hoses are not kinked, crushed or pulled too tightly. Make sure to tighten the locking ring-nut once the pipes have been placed in the direction required. A hole at least 8 cm in diameter is required to allow the power supply cable and pipes to pass.



Level the appliance on the floor using its adjustable feet. This operation is essential for ensuring correct operation of the dishwasher.



*Building-in a dishwasher underneath a ceramic hob is **absolutely forbidden**.*

*A dishwasher can be built-in underneath a conventional hob provided there is **no break** in the kitchen worktop, and the dishwasher and hob are **installed and secured correctly**, so that **no hazards are generated**.*



Some models are equipped with only one adjustable foot at the rear, which can be adjusted by turning the screw on the lower front part of the appliance.



2.1 Water supply connection

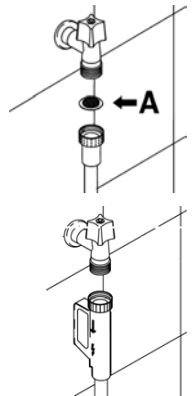


Preventing the risk of clogging or damage: if the water pipe is new or has not been used for a long time, before connecting to the water supply check that the water is clear and free of impurities, to prevent damage to the appliance. **The dishwasher must always be connected to the water system with new hoses; old or used hoses must never be reused.**

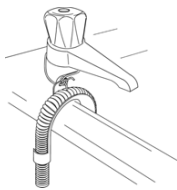
CONNECTING TO THE WATER SUPPLY

Connect the intake hose to a cold water supply with $\frac{3}{4}$ " gas thread, inserting the filter **A** supplied with the dishwasher. **Take care to screw the hose firmly into place with your hands and then complete by tightening about $\frac{1}{4}$ of a turn with pliers.**

In dishwashers equipped with the **ACQUASTOP** device, the filters is already fitted inside the threaded ring.

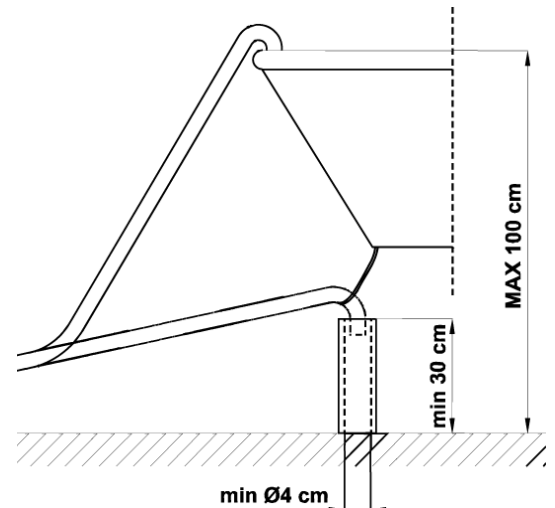


The dishwasher can also be connected to a hot water supply **not exceeding 60°C**. Supplying the appliance with hot water cuts down the washing time by approximately 20 minutes, but slightly reduces its effectiveness. Make the connection to the domestic hot water supply using the same procedure described for connecting to the cold water supply.

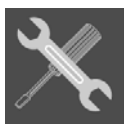


DRAIN CONNECTION

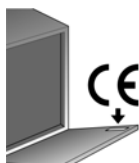
Insert the dishwasher's drain hose into a drain pipe having a diameter of at least **4 cm**, or alternatively, place it inside the kitchen sink using the plastic support provided, taking care not to crush or excessively bend the hose. It is important to prevent the hose from coming loose and falling. For this purpose, the plastic support is equipped with a hole for tying it to the wall or water tap.



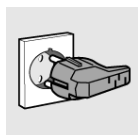
The free end should be positioned at a height of between **30 and 100 cm**, and should never be submerged in water. If a horizontal drain extension hose is used (for a maximum of 3 m) the drain hose can be placed at a maximum height of **85 cm** from the ground.



2.2 Electrical connection and precautions



CHECK THAT THE VOLTAGE AND THE FREQUENCY OF THE MAINS MATCH THE RATINGS ON THE NAME PLATE OF THE APPLIANCE POSITIONED ON THE INNER EDGE OF THE DOOR.

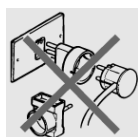


THE PLUG ON THE SUPPLY CORD AND THE CORRESPONDING SOCKET OUTLET MUST BE OF THE SAME TYPE AND MEET THE REGULATIONS IN FORCE.

THE PLUG MUST BE ACCESSIBLE AFTER INSTALLATION.

NEVER DISCONNECT THE PLUG BY PULLING ON THE POWER SUPPLY LEAD.

IN THE EVENT OF DAMAGE TO THE SUPPLY CORD, HAVE IT REPLACED BY THE MANUFACTURER OR AN AUTHORIZED TECHNICAL SERVICE CENTRE.



DO NOT USE ADAPTORS OR SHUNT CONNECTIONS IN ORDER TO AVOID THE POSSIBILITY OF OVERHEATING OR BURNING.

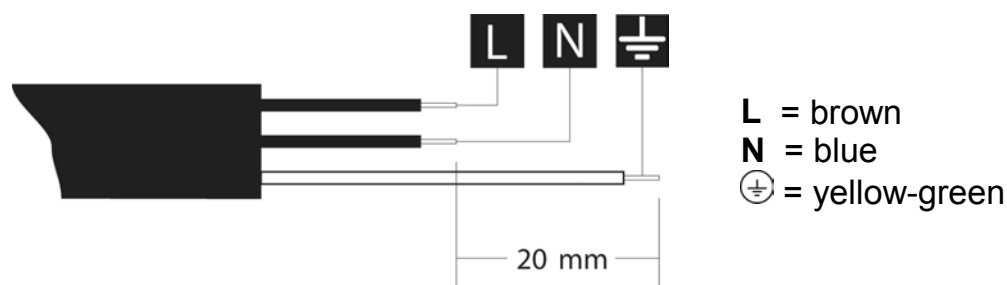
IF THE APPLIANCE IS PROVIDED WITH A PLUGLESS SUPPLY CORD:



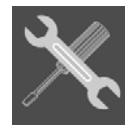
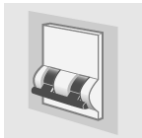
IT IS NECESSARY TO INSTALL IN THE FIXED WIRING AN ALL-POLE DISCONNECTION DEVICE HAVING A GAP BETWEEN CONTACTS OF AT LEAST **3.5MM**. AFTER INSTALLATION THE DISCONNECTION DEVICE HAS TO BE EASY TO REACH.



THE CONNECTION TO THE MAINS MUST BE CARRIED OUT BY A **QUALIFIED TECHNICIAN** IN ACCORDANCE TO THE SCHEME SHOWN BELOW AND THE REGULATIONS IN FORCE.



In the event of damage to the supply cord, have it replaced by the manufacturer or an Authorized Technical Service Centre in order to avoid any risk.

**WHEN CLEANING AND MAINTAINING THE APPLIANCE:**

BEFORE CARRYING OUT ANY WORK, ALWAYS UNPLUG THE APPLIANCE FROM THE ELECTRICAL SUPPLY OR SWITCH OFF THE ALL-POLE DISCONNECTION DEVICE.

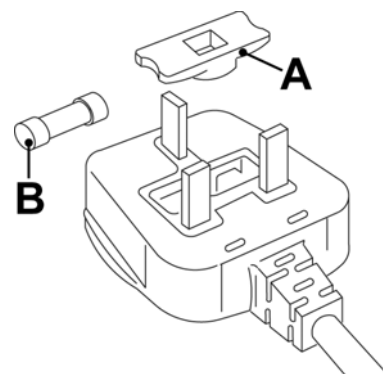
FOR GREAT BRITAIN ONLY:

THIS APPLIANCE MUST BE EARTHED.

Fuse replacement

If the mains lead of this appliance is fitted with a **BS 1363A 13amp** fused plug, to change a fuse in this type of plug use an **A.S.T.A.** approved fuse to **BS 1362** type and proceed as follows:

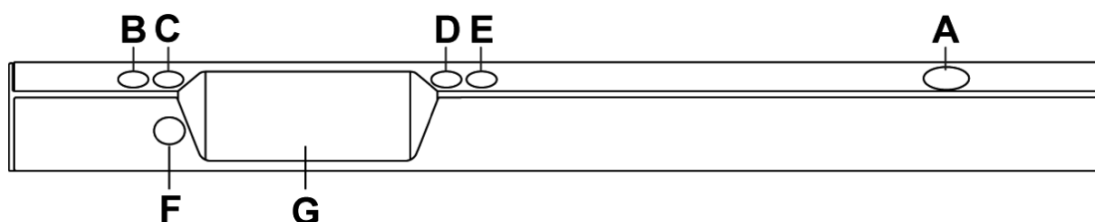
1. Remove the fuse cover **A** and fuse **B**.
2. Fit replacement 13A fuse into fuse cover.
3. Refit both into plug.



The fuse cover must be refitted when changing a fuse and if the fuse cover is lost the plug must not be used until a correct replacement is fitted.

Correct replacement are identified by the colour insert or the colour embossed in words on the base of the plug.

Replacement fuse covers are available from your local electrical store.



3. BEFORE USING AND SETTING UP YOUR APPLIANCE

The electronic control system allows you to customise your appliance in a number of ways.

Use button **(D)** to select the customisation you require, then button **(E)** to enable (1) / disable (0) or modify the parameters.

To exit the programming function press button **(B)**.

Procedure	Customisation	Settings
long press on button (D)	Buzzer enabling	Enable (1) / Disable (0)
second press on button (D)	Water hardness	from h0 to h5
third press on button (D)	Choice of language (on some models only)	Language: English

3.1 Buzzer enabling

With this function enabled (1), a buzzer sounds whenever the door is opened and closed with a program running or selected, at the end of the cycle and during programming procedures.

If it is disabled (0), the buzzer never sounds.



3.2 Water hardness

Select the water hardness customisation function using button **(D)**. Press **(E)** in repetition to select the hardness level required (from **H0** to **H5**) with reference to the “**WATER HARDNESS TABLE**”.

WATER HARDNESS TABLE

WATER HARDNESS		SETTING
German degrees (°dH)	French degrees (°dF)	
0 - 4	0 - 7	h 0
5 - 15	8 - 25	h 1
16 - 23	26 - 40	h 2
24 - 31	41 - 60	h 3
32 - 47	61 - 80	h 4
48 - 58	81 - 100	h 5

Request information about the water's hardness from your water supply company.

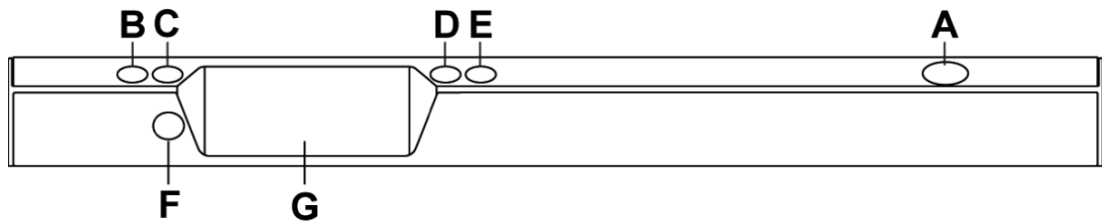
3.3 Language (depending on model)

Select the language customisation function using button **(D)**. Press **(E)** in repetition to select the language required.



4. Description of controls

4.1 The control panel



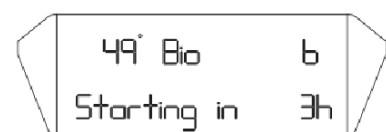
A	ON/OFF KEY
B	PROGRAMME SELECTION BUTTON
C	DELAYED START BUTTON (with door open)
F	START-PAUSE BUTTON (with door closed)
D	OPTION SELECTION BUTTON
E	OPTION SETTING BUTTON
G	INFORMATION DISPLAY

N.B.: the functions of buttons **(C)** and **(F)** are the same.

4.2 The information display

The dishwasher is fitted with a convenient **sloping display (G)** to assure good visibility from both in front and above.

The **display** uses brief text messages to provide all the information about the programmed functions and any malfunctions.





5. PROGRAMME SELECTION - introduction

The dishwasher has a control panel and an **INFORMATION DISPLAY (G)** allowing the user to carry out all switch-on, switch-off and programming procedures.



Before starting a washing programme, check that:

- *The tap is turned **on**.*
- *The softener **container** contains **dishwasher salt**.*
- *The **right amount of detergent** has been placed in the **dispenser** or place detergent tablets in the cutlery basket.*
- *The baskets have been **loaded correctly**.*
- *The spray arms turn **freely** and without obstructions.*
- *The dishwasher door **is firmly closed**.*



*When the machine is used for the first time, set the hardness of the water (see page 15) and also set the buzzer as required (enabled/disabled). For the relative instructions, see "**BEFORE USING AND SETTING UP YOUR APPLIANCE**".*

5.1 SWITCHING ON

With the door open, press the ON/OFF key (A).

The dishwasher comes on and the message shown below appears on the display (G).

5.2 STARTING THE PROGRAMME

To start the programme close the door.

Whenever the door is opened and closed with a programme selected (in progress, or before it starts) the buzzer sounds, if the "Buzzer enabled" function is on (see "SETTING UP YOUR APPLIANCE")

It is possible to select the programme on your dishwasher in 2 ways:

1. Rapid programming selection
2. Manual programming selection

On all dishwashers all programming operations are only possible with the door open with the on/off button (A) pressed

The control panel will display information relating to all of the programme settings available on this model.

After the initial message, the system offers you the simplified programming function, in which you only have to select the level of soiling and the type of wash that is needed, or standard programming where the user selects the programme required.



Shown on the **display**:



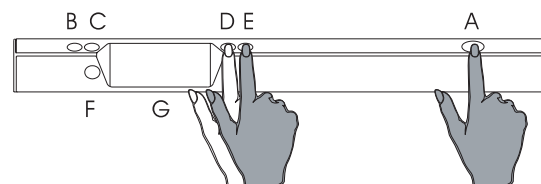
- Press **(D)** or **(E)** to select rapid programming (see “**Rapid programming**”).
- Press **(B)** to exit rapid programming and choose standard programming (see “**Standard programming**”).

5.3 Rapid programming

- Press on/off button **(A)** to switch machine on.
- Press **(D)** in repetition to display the type of dirt on dishes, on the **top line of the display (G)**.
- Press button **(E)** in repetition to select one of the possible washing modes, on the **bottom line of the display**.

The most suitable washing programme for the settings made will be selected. To start this programme, simply close the door (buzzer sounds, if enabled).

This will sound again at the end of the programme if enable.

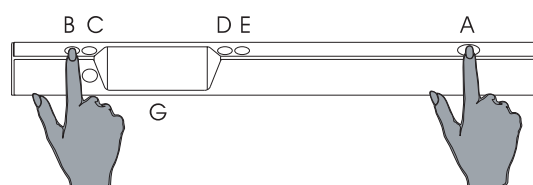


5.4 Re-using last programme used

- Press on/off button **(A)** to switch machine on.
When the initial system message for programme setting appears in the display window select “No” (button **B**) to disable rapid programming and the system will offer the last programme performed.

To start this programme, simply close the door (buzzer sounds, if enabled).

This will sound again at the end of the programme if enabled.



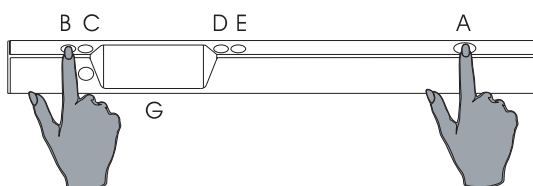


5.5 Standard programmes

Press on/off button (A) to switch machine on.

When the initial system message for programmes setting appears in the display window select "No" (button B) to disable rapid programming.

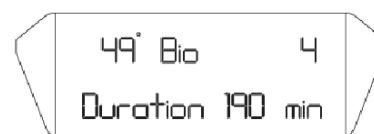
To select another programme, press (B) repeatedly until the programme you want is displayed



The display will show the programme selected, the temperature and the duration of the programme. To start this programme close the door (buzzer sounds, if enabled). It will sound again at the end of the programme (if activated).

See **TABLE OF PROGRAMMES** on following pages.

The **second line of the display** will now show the scheduled duration of the programme in minutes.



- The temperature which appears before the programme name indicates its type (e.g. 45° delicate programme, 55° economy, 65° intensive, etc.); the actual temperature is displayed, stage by stage, while washing is in progress.
- Programmes duration, temperature and consumption figures are guideline, since they depend on various factors, such as type of load, intake water temperature, room temperature, etc.



If the dishwasher door is open or not properly closed, the washing cycle will not start



If the **door is opened** with the dishwasher in operation, a long buzzer sounds and "**Pause**" appears on the **bottom line of the DISPLAY (G)**. Next time the door is closed the programme will continue from where it stopped.

If the temperature inside the tank exceeds 50°C, the programme will restart after about 30 seconds.



Instructions for the User

EN

6. PROGRAMME TABLE

NUMBER AND PROGRAMME		LOADING DISHES, PANS AND CUTLERY	PROGRAMME SEQUENCE	DURATION	CONSUMPTION	
				MINUTES	WATER LITRES (1)	ELECTRICITY KWh (2)
1	SOAK	Pans and dishes awaiting completion of the load	Cold prewash	(**)	6	0,03
2	RINSE	Pans and dishes for rinsing and drying	Cold rinse 68°C rinse Drying	(**)	9	0,90
3	SHORT	Delicate dishes with light dirt, washed immediately after use	38°C wash Cold rinse 58°C rinse	(**)	13	0,85
4	DELICATE	Delicate dishes with normal dirt	Cold prewash 45°C wash Cold rinse 68°C rinse Drying	(**)	17	1,15
5	ECO	Dishes with normal dirt	55°C wash Cold rinse 68°C rinse Drying	(**)	14	1,30
6	BIO (*) EN 50242	Very dirty dishes, with dried-on residues	Cold prewash 50°C wash Cold rinse 62°C rinse Drying	(**)	15	1,08
7	AUTO 40-50	Normally or very dirty dishes washed immediately after use	Cold prewash 40°C wash 55°C wash Cold rinse 68°C rinse Drying	(***)	(***)	(***)
8	AUTO 60-70	Very dirty dishes	Cold prewash 50°C wash 65°C wash Cold rinse 68°C rinse Drying	(***)	(***)	(***)
9	STRONG	Very dirty pans and dishes	70°C wash 2 cold rinses 70°C rinse Drying	(**)	17	1,50
10	SUPER	Very dirty pans and dishes, with dried-on residues	45°C prewash 70°C wash 2 cold rinses 70°C rinse Drying	(**)	20	1,70

Only soak with partial loads.

The **options** are available in all programmes **except the soak programme**.

(*) Reference programme for EN 50242 standard. (**) See display.

(***) When the "AUTO 40-50" or "AUTO 60-70" programme is selected, the dishwasher recognises the type of dirt and automatically adapts the washing parameters and washing stages as appropriate.

(1) Average consumption considering softener set on **level 2**.

(2) The cycle duration, energy consumption and temperatures which appear on the display may vary depending on water and room temperature and type and quantity of dishes.



7. SPECIAL PROGRAMME FEATURES

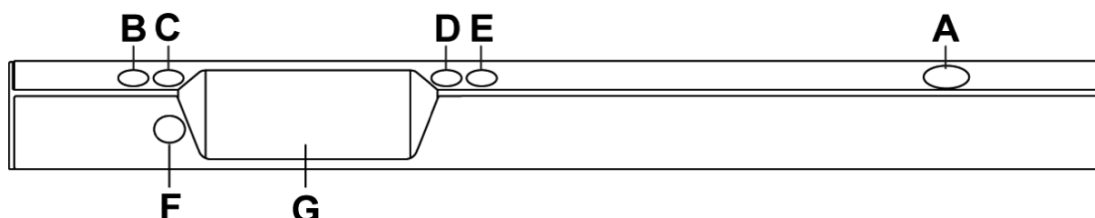
The **top** line displays the temperature in the tank, alternating (every 4 seconds) with the programme being performed and the current programme stage.

The **bottom** line will show the programme duration "**Duration XX minutes**", where **XX** is the time left before the end of the programme, in minutes.

7.1 If **DELAYED START (C)** is set, until the programme starts the **second** line shows the message "**Start in YY hh/mm**", where **YY** are the hours (from **1-12/1-24** depending on model) or minutes (when less than 1 hour) left before the programme starts.

Any warning messages (e.g. "**No salt**") will appear on the **DISPLAY (G)** during the washing stage, alternating with the time left to the end of the programme.

If the function **3/1 PRODUCTS** function (only available on some models) is set, the no salt and no rinse aid warning messages do not appear.



7.2 INTERRUPTING A PROGRAMME

To interrupt a programme, press the **START/PAUSE** button (F) again and keep it pressed until "**Pause**" appears on the **bottom** line of the **DISPLAY (G)**.

To restart the programme, repeat this operation until "**Duration XX min**" reappears on the **bottom line of the display**.



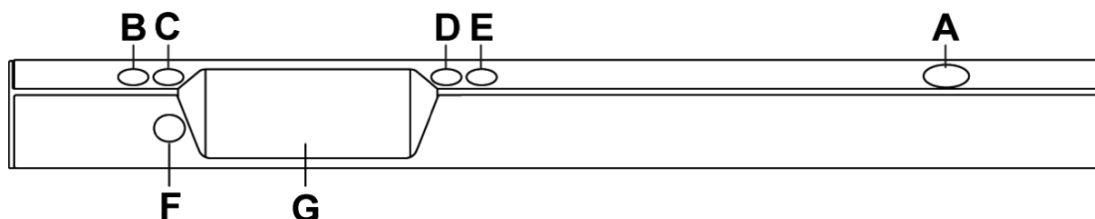
*Opening the door also cuts out the programme in progress, but **this is not recommended**, since water splashes or gusts of steam might escape. **When the door is closed** the programme restarts automatically, even it was interrupted by pressing the **START/PAUSE** button (F).*



7.3 CHANGING THE PROGRAMME

To change a programme while it is running, proceed as follows:

- press button **(F)** to set the programme in pause status;
- **open the door** and select the new button using button **(B)**;
- **close the door**; the changes relating to the new programme will appear on the **DISPLAY (G)**.



7.4 STOPPING A PROGRAMME

- To stop a programme while it is running, it must first be interrupted by pressing button **(F)**;
- **then open the door** and press button **(B)** in repetition until you obtain **“Annul cycle 0”**;
- **close the door**. **“Empty tank”** will appear on the **DISPLAY (G)** and the dishwasher will start to pump out the water. This will be completed in about 1 minute and **“Progr. End”** will appear on the **top line of the display**.



*Before the door is closed, a long washing time will appear alongside **“Empty tank”**. **This is not a malfunction but simply a stage in the time update process**; the time will be corrected to 1 minute when the door is closed.*

END OF PROGRAMME

At the end of the programme the buzzer sounds (if enabled), after which the temperature and programme name will alternate with **“Progr. End”** on the **top line of the DISPLAY (G)**; the **bottom** line continues to show **“Duration XX min”**.

REMOVING THE DISHES

At the end of the washing programme, wait at least **20 minutes** before removing the dishes, to allow them to cool. To ensure that any drops of water left in the top basket cannot drip onto the dishes still in the bottom basket, **you are advised** always to empty the bottom basket first, followed by the top basket.



6. OPTIONS (available in all programmes except the soak programme)

Press the ON/OFF button (A) to turn the machine on.

The options should normally be chosen **before the door is closed** to start the programme. If **DELAYED START (C)** has been set, before the programme starts the user may **open the door** and set one of the other options.

To select the option press **(D)**; to enable/disable it press **(E)**.

Button (D)	Button (E)	
Function	Enable	Disable
ULTRA CLEANSE	1	0
DELAYED START	1>12/1>24	0
½ LOAD	top/bottom	OFF
DETERGENT	3/1	NORM

For an option to be confirmed it needs only to appear on the **display**. Then close the door to start the programme, or move on to select another option.



Depending on the model the dishwasher may feature one, some or all of the options listed below.

All the options are disabled at the end of the programme.

6.1 DELAYED START (depending on model)

Shown on **DISPLAY (G)**: "**Delayed Hours 0, 1,12/24**".

The start of the washing programme can be set with a delay **from 1 to 12/24 hours**. This function allows you to set the dishwasher to work at your preferred time of day and avoid having several appliances (washing machine, oven, etc.) in operation simultaneously.

The start delay can only be set in steps of **1 hour**. Press button **(C)** in repetition until you obtain the delay required, then close the door to start or select another option.

When **the door is closed** the dishwasher performs a prewash, after which the countdown to the starting time begins. The **bottom line of the DISPLAY (G)** shows "**Start in X h**" or "**Start in Y min**" (when less than 1 hour is left).



8.2 HALF-LOAD WASH (depending on model)

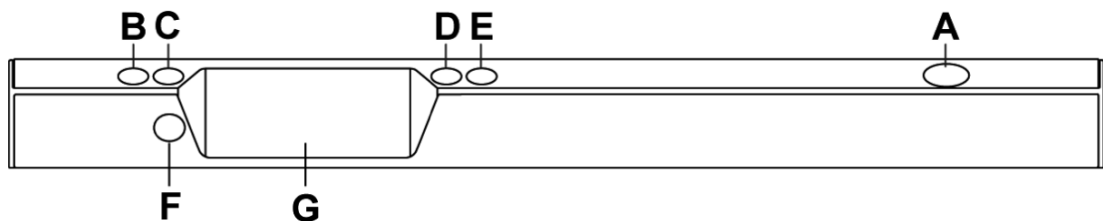
Shown on **DISPLAY (G)**: "Half Load Off/Top/Bottom".

Press button **(D)** to display the "Half load" option, then use button **(E)** to select "Top" if you wish to wash in the top basket only, or "Bottom" to wash in the bottom basket only. Return to "Off" for normal washing with full load in both baskets.



*One half of the cutlery basket can be placed in the basket selected for the ½ **LOAD** programme.*

WARNING: dishes and cutlery placed in the basket not selected will not be washed.



8.3 USE OF 3/1 PRODUCTS OPTION (depending on model)

Shown on **DISPLAY (G)**: "Detergent Norm/3/1".

Press **(D)** to display the option and press **(E)** to enable the (3/1) option or return to the use of normal detergent (**Norm**).

This option has been developed for use with powder or tablet detergents containing substances that substitute for regenerating salt and rinse aid, known on the market as "3 in 1" or "triple action" products. In this case the dishwasher will make the most effective use of the product, not using any salt or rinse aid which the appliance may contain.



*If the water hardness has been set on a value **above H3**, the **DISPLAY (G)** flashes, warning of a setting error, because these products are not suitable for use with very hard water. This does not prevent the use of the option, but the washing results might not be of the best.*



8.4 ULTRA CLEANSE RINSE (depending on model)

Shown on **DISPLAY (G)**: "Ultra cleanse 1/0".

Press **(D)** to display the option and press **(E)** to enable (1 on display) or disable (0 on display) it.

This function performs an extra hygienic rinse at the end of the washing cycle, assuring a further reduction in the number of bacteria present.



*If the temperature falls while the hygiene rinse is in progress (e.g. due to a power blackout or because the door is opened), the **DISPLAY (G)** flashes until the dishwasher is switched off or a new programme is set, to warn that the option has not been carried out.*



TO SAVE ENERGY AND PROTECT THE ENVIRONMENT

- Try always to use the dishwasher **with a full load**.
- Do not wash dishes in running water.
- Use the **most suitable** washing programme for every type of load.
- Do not pre-rinse.
- If available, connect the dishwasher to a hot water supply system at up to 60°C.
- When possible, **skip the drying stage** and simply leave the door open after washing: the air and residual heat will dry the dishes perfectly.

TO REDUCE DETERGENT CONSUMPTION AND PROTECT THE ENVIRONMENT

The phosphates in dishwasher detergent are a problem from the environmental point of view. The following rules will help you to use less detergent, and also less electricity:

- **Sort your dishes**, washing delicate items separately from those more resistant to strong detergents and high temperatures;
- **Do not pour** detergent straight onto the dishes.

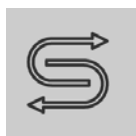


9. Operating instructions

Once the dishwasher has been correctly installed, prepare for use as follows:

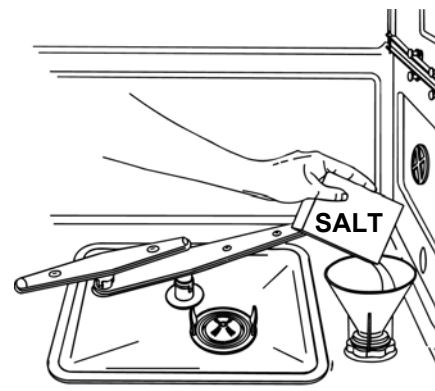
- Adjust the water softening system;
- Add the regenerating salt;
- Add the rinse aid and detergent.

9.1 Using the water softening system



The amount of scale contained in the water (water hardness index) can cause whitish staining on the dry dishes, which tend to become dull over time. The dishwasher is equipped with an automatic softening system which uses a special regenerating salt to reduce the hardness of the water.

The dishwasher is factory set for water hardness level **3** (average hardness **41-60°F – 24-31°dH**).



When using water of medium hardness, the regenerating salt container should be refilled after approximately **20 washing cycles**. The salt container can hold approximately **1.7 Kg** of salt in grains. Some models are equipped with an optical no-salt indicator. In these models, the cap of the salt container contains a green float which descends as the salt concentration in the water drops. When the green float can no longer be seen through the transparent cap, the container must be topped up with regenerating salt. The container is situated at the bottom of the dishwasher. After removing the lower basket, unscrew the salt container cap by turning it anticlockwise and pour in the salt using the funnel supplied with the dishwasher. Before replacing the cap, remove any salt residues from around the opening.



- *When using the dishwasher for the first time, in addition to the salt it is also necessary to add **one litre of water** to the container.*
- *Each time the salt container is refilled, make sure that **the cap is securely closed**. The mixture of water and detergent must never penetrate the salt container, as this would compromise the operation of the regeneration system. In the event of this occurring, the warranty will be invalidated.*
- ***Only** use regenerating salt specially formulated for domestic dishwashers. If using salt tablets, **do not fill the container completely**.*



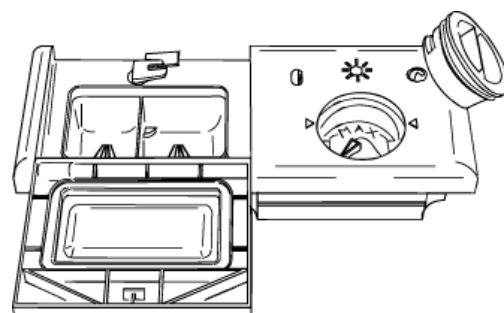
- **Do not use table salt** as it contains insoluble substances which, over time, may damage the water softening system.
- When necessary, refill the regenerating salt container **before starting the washing program**. In this way, the excess saline solution will be immediately removed by the water; the prolonged presence of salt water inside the tank may lead to **corrosion**.



Be careful not to confuse the salt and detergent packages; adding detergent to the salt container will **damage** the water softening system.

9.2 Using the rinse aid and detergent dispensers

The detergent and rinse aid dispensers are situated on the inner part of the door: the **detergent dispenser** is on the left, and the **rinse aid dispenser** is on the right.

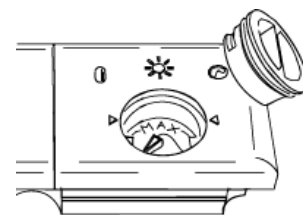


With the exception of the **SOAK** program, before every washing cycle it is necessary to add the required amount of detergent to the **detergent dispenser**. The rinse aid, on the other hand, should only be added as required.



ADDING THE RINSE AID

The rinse aid helps the dishes dry faster and prevents the formation of scale deposits and staining; it is automatically added to the water during the final rinse cycle, from the container situated on the inner side of the door.



- Open the door.
- Rotate the container cap anticlockwise by $\frac{1}{4}$ of a turn and remove it.
- Add the rinse aid until the container is full (approximately 140 cc). The optical level indicator on the side of the cap should be completely obscured. Refill the rinse aid when the optical level indicator becomes clear again, or when the rinse aid warning light illuminates.
- Replace the cover and turn it in a clockwise direction.
- Use a cloth to remove any spillage of rinse aid which might lead to the formation of excess foam.

ADJUSTING THE RINSE AID DISPENSER SETTING

The dishwasher is factory set for medium water hardness. However it is possible to change the setting by turning the dispenser's selector to the desired position: the amount of rinse aid dispensed is proportional to the selector position.

- To adjust the rinse aid setting, rotate the dispenser cap through a quarter turn in an anticlockwise direction and remove it.
- Then use a screwdriver to rotate the rinse aid selector to the desired position.
- Replace the cap, turning it clockwise.



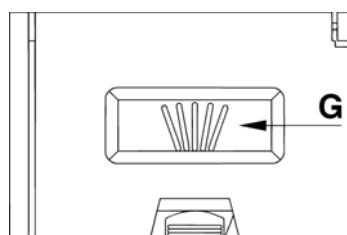
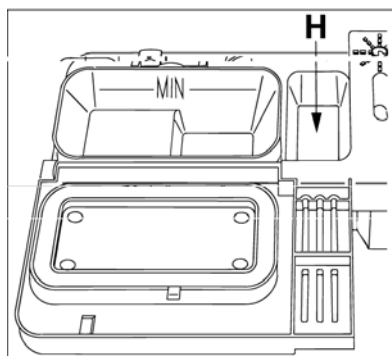
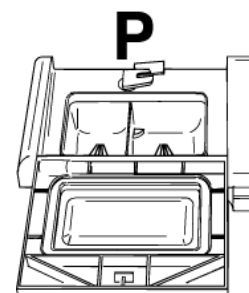
- *The amount of rinse aid must be **increased** if the washed dishes appear dull or feature circular stains.*
- *If, on the other hand, the dishes are sticky or have white streaks, it is necessary to **reduce** the rinse aid setting.*



ADDING THE DETERGENT

To open the detergent dispenser cap, lightly press the button **P**. Add the detergent and close the cap carefully.

During the washing cycle, the dispenser will be opened automatically.



- When a program with hot prewash is selected (see program table), extra detergent must be placed in the cavity **G/H** (depending on models).
- Use **only** detergents specially formulated for dishwashers. For optimal washing results it is important to use a good quality detergent.
- The detergent packs must be sealed and stored in a dry place to prevent the formation of lumps which may negatively affect washing results. Once opened the detergent packs should not be kept for too long, otherwise the detergent loses its effectiveness.
- Do not use detergents formulated for washing dishes by hand, because they produce a great deal of foam and may negatively affect the operation of the dishwasher.
- Add the correct amount of detergent. An insufficient amount of detergent will result in a partial removal of dirt from the dishes, whereas an excessive amount is wasteful and does not improve the washing results.



- The market offers liquid and powder detergents with differing chemical compositions, which may contain **phosphates**, or be phosphate-free but contain **natural enzymes**.
 - Detergents containing **phosphates** are more effective against grease and starch at **temperatures above 60°C**.
 - **Enzyme** detergents, on the other hand, are also effective at lower temperatures (**from 40 to 55°C**) and are more easily biodegradable. With enzyme detergents it is possible to obtain at low temperatures comparable results to those which can only be achieved at **65°C** using traditional detergents.

*For the safeguarding of the environment we recommend the use of **phosphate- and chlorine free** detergents.*

- **"3/1" Products**

*If you wish to use detergents which already contain salt and rinse aid, check whether your dishwasher is fitted with the **"3/1 option button"** on the **"Controls description"** page and then refer to the section which explains how to use this function.*

*If the button is not provided, we recommend the use of conventional products (separate detergent, salt and rinse aid), because with conventional washing cycles **"3/1"** products might create problems such as a white deposit, poor drying results and residues left on dishes.*



The introduction of detergent into the rinse aid dispenser, even in liquid form, will damage the dishwasher.



9.3 General warnings and recommendations



Before using the dishwasher for the first time, it is advisable to read the following recommendations concerning **dish types** to be washed and their **loading**.

There are generally no constraints on the washing of domestic dishes, but in certain cases it is necessary to take their characteristics into account.

Before loading the dishes into the baskets it is necessary to:

- remove coarse food remains: e.g. bones, fish-bones, etc. which may clog the filter or damage the wash pump.
- soak any pots or pans with burnt-on food remains on the bottom to facilitate removal, then load them into the LOWER BASKET.

Use the "**½ load wash**" option (if available) for washing small amounts of dishes; it saves water and electricity.

When using this function, **only load the basket selected for the ½ load wash**; the other basket must remain empty.

There is no need to pre-wash the dishes under running water before loading them into the baskets since this only wastes water.

Correct loading of the dishes helps ensure optimal washing results.

WARNING!

- Make sure that the dishes are securely in place so that they cannot tip over or obstruct the rotation of the spray arms during the washing cycle.
- Do not place very small objects in the baskets as these could fall and obstruct the spray arms or the wash pump.
- Containers such as cups, bowls, glasses and pots should always be loaded with the opening facing downwards and with any cavities at an angle, to allow the water to drain out.
- Do not stack dishes or place them in such a way that they cover one other.
- Do not place glasses too close together because they may knock against each other and break, or there might be staining at the point where they touch.

MAKE SURE that the items being washed are dishwasher-safe.



Items which are not dishwasher-safe:

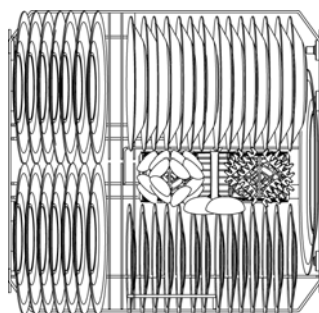
- **Wooden dishes, pots or pans:** these may be damaged by the high washing temperatures.
- **Handcrafted items:** these are rarely suitable for washing in a dishwasher. The relatively high water temperatures and the detergents used may damage them.
- **Plastic dishes:** heat resistant plastic dishes must be washed in the upper basket.
- **Dishes and objects in copper, tin, zinc or brass:** these tend to stain.
- **Aluminium dishes:** items made from anodised aluminium may lose their colour.
- **Silverware:** silver items may stain.
- **Glass and crystal:** in general, glass and crystal objects can be washed in the dishwasher. However, certain types of glass and crystal may become dull and lose their clearness after many washings. Therefore, for these items we recommend using the least aggressive program available.
- **Decorated items:** the decorated objects available on the market are generally able to withstand washing in the dishwasher, although the colours may fade after a great many washes. If in doubt as to the fastness of the colours, it is advisable to wash just a few items at a time for approximately one month.



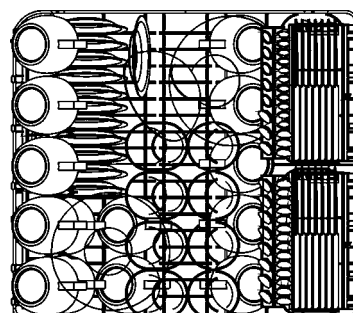
9.4 Using the baskets

The dishwasher has a capacity of **14 place-settings**, including serving dishes.

EN 50242 STANDARD LOADS FOR CERTIFICATION BODIES



LOWER BASKET



UPPER BASKET

EN 50242 cycle test conditions:

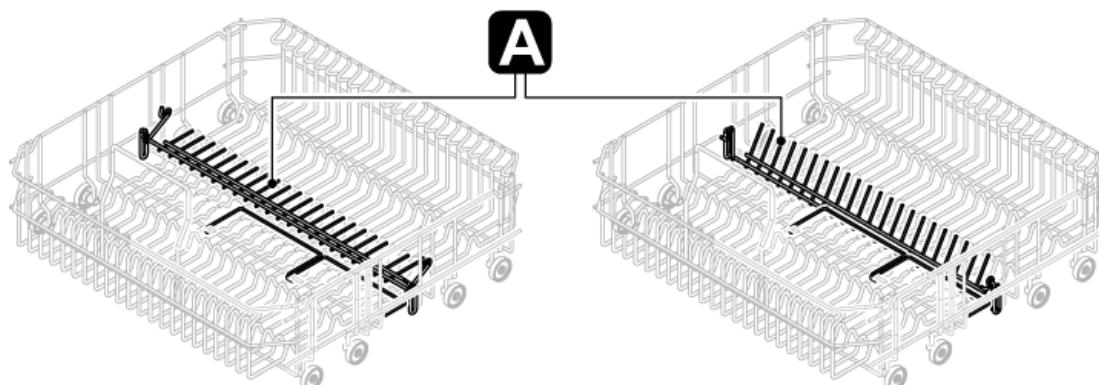
Lower basket: the grid "A" ("lower basket" section) must **not** be raised.

Upper basket: on the left, there are **two saucers** underneath the cups.

LOWER BASKET

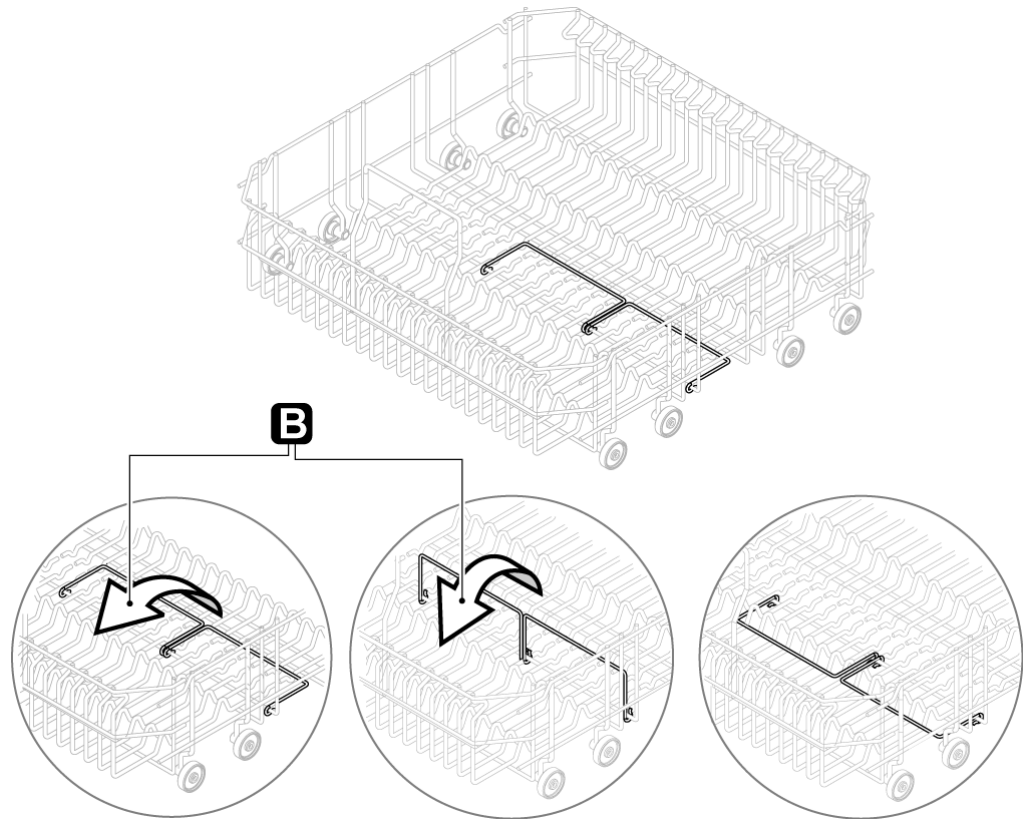
The lower basket receives the full force of the lower spray arm, and should therefore be used for the "toughest" items with a heavier degree of soiling. All types and combinations of loads are permitted, provided that the dishes, pots and pans are arranged with all the soiled surfaces exposed to the water jets coming from the bottom.

The **rear** of the basket is fitted with a rack to take **large plates (A)**. To use it, simply lift it until it locks in place.





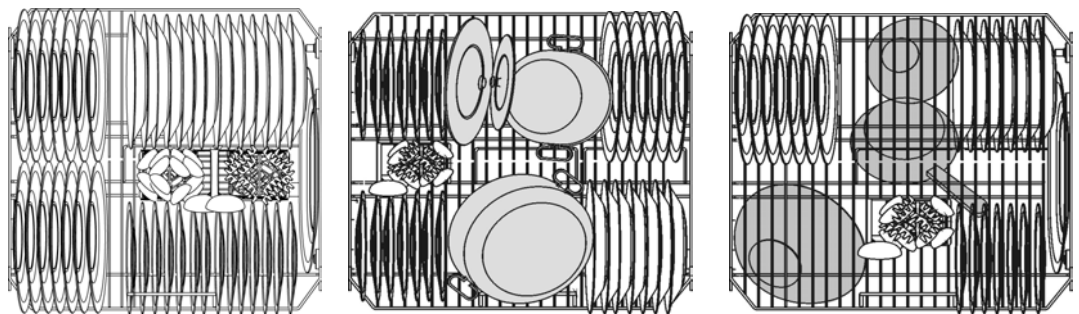
In the **front** there are one or two supports (depending on the models) for **small plates (B)**. To use them, they have to be turned towards the front of the dishwasher.



LOADING THE LOWER BASKET

Carefully load flat plates, soup plates, dessert and serving dishes, positioning them vertically. Pots, pans and their covers must be loaded upside down. When loading soup plates and dessert bowls, be sure to leave a gap between them.

Loading examples:



½ LOAD

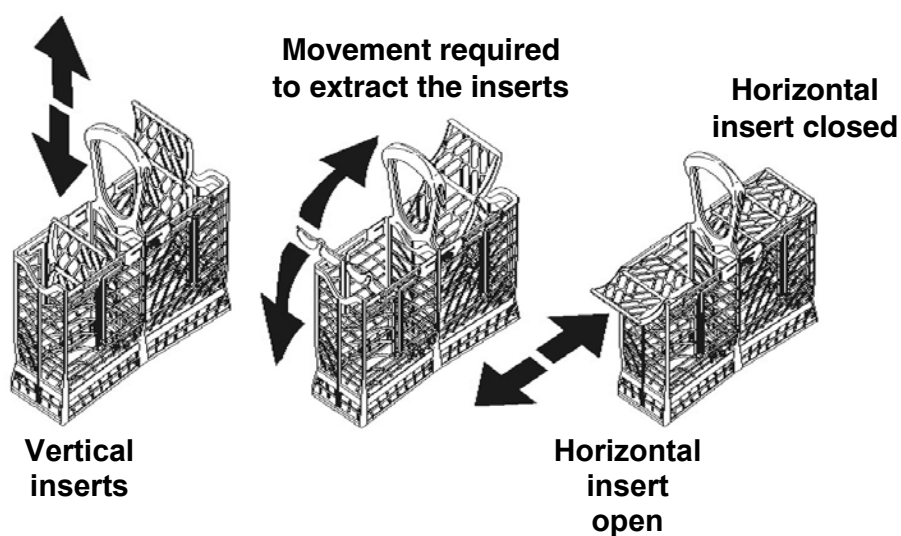


CUTLERY BASKET

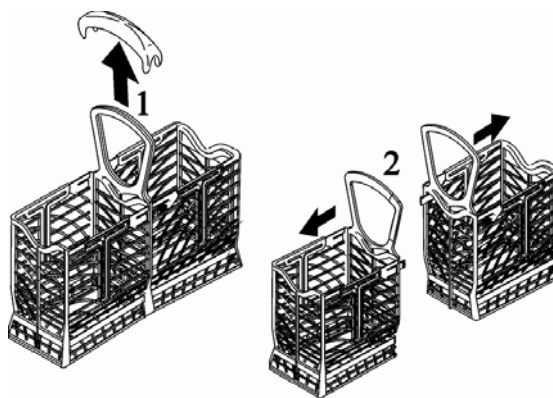
Cutlery must be placed with the **tips facing downward**.

Long items of cutlery (ladles, wooden spoons, kitchen knives, etc.), which might interfere with the upper spray arm must be placed **in the upper basket**, ensuring that knife tips do not project from the basket.

The cutlery basket features an **exclusive system** of independent **sliding tip-up supports**, offering a series of combinations to allow optimum use of the space available.



It can also be separated into two parts, particularly useful when carrying out a **½ load wash** (on models with this function).





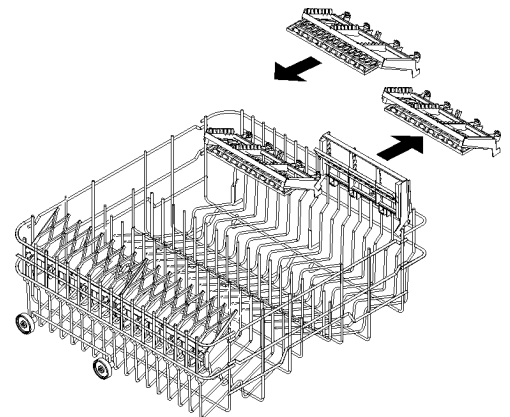
UPPER BASKET

It is recommended to load the upper basket with small- or medium-sized items such as glasses, small plates, tea or coffee cups, shallow bowls and light objects made from heat resistant plastic. If the upper basket is used in the lowermost position, it can also be loaded with serving dishes, provided they are only slightly soiled.

The top basket is fitted (on the left) with two plastic racks which can be raised to make room for tall glasses, such as stem glasses.

On the right there are two cutlery racks designed to take knives and teaspoons; when not in use, they can be left vertical, attached to the basket.

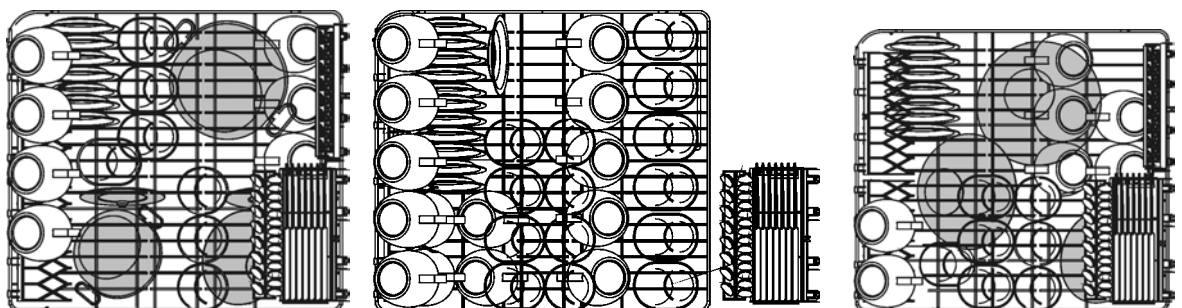
To use the space designed for teaspoons, remove the insert as shown in the illustrations.



LOADING THE UPPER BASKET

Load plates facing forward; cups, bowls etc. must always be facing downwards. The left-hand side of the basket can be loaded with two layers of cups and glasses. The centre can be filled with plates and side-plates, fitted upright into the supports provided.

Loading examples:



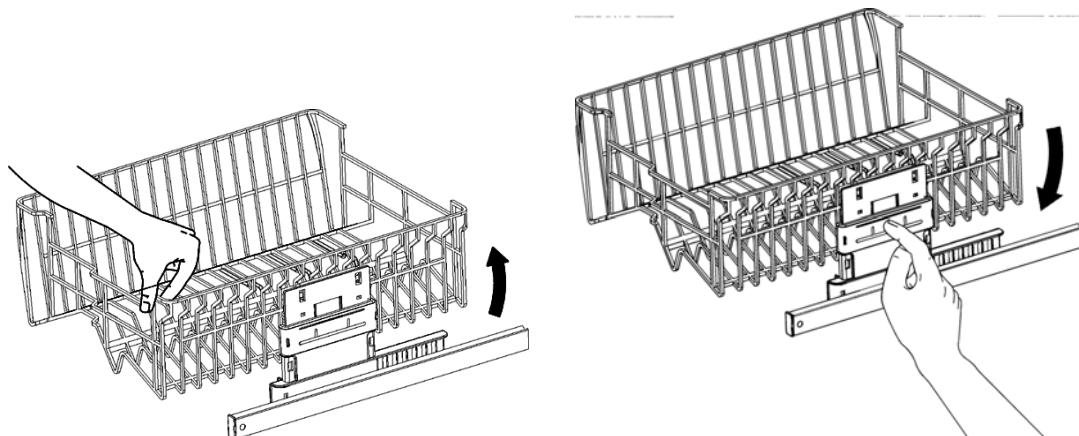
½ LOAD



ADJUSTING THE UPPER BASKET

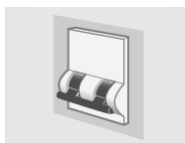
The upper basket can be adjusted in **two positions**, according to the user's needs and according to the height of the dishes in the lower basket. Proceed as follows.

- pull out the basket to its limit position and pull the right side upwards. At this point it is possible to load larger sized plates into the lower basket.
- To return to the original position, pull out the upper basket again and press the release lever.





10. Cleaning and maintenance

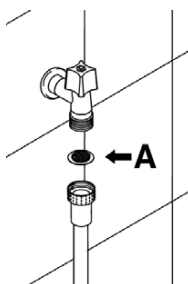


Before carrying out any work, always disconnect the appliance from the electrical power supply.

10.1 General warnings and recommendations

Avoid the use of acidic or abrasive detergents.

Clean the outer surfaces and door-lining of the dishwasher regularly using a soft cloth moistened with water or with a normal detergent suitable for painted surfaces. Clean the door gaskets with a damp sponge. Periodically (once or twice a year) it is advisable to clean the tank and gaskets, using a soft cloth and water to remove any deposits.



CLEANING THE WATER INTAKE FILTER

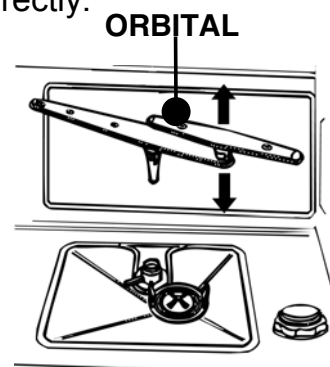
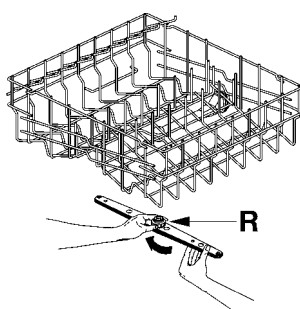
The water intake filter **A** located at the outlet of the water supply tap needs to be cleaned periodically.

After having closed the water supply tap, unscrew the end of the water intake hose, remove the filter **A** and clean it delicately under running water. Reassemble filter **A** in its seat and carefully screw the water intake hose back into position.

CLEANING THE SPRAY ARMS

The spray arms can be easily removed for periodic cleaning of the nozzles, to prevent possible clogging. Wash them under running water and carefully replace them in their seats, **checking that their rotary movement is in no way impeded.**

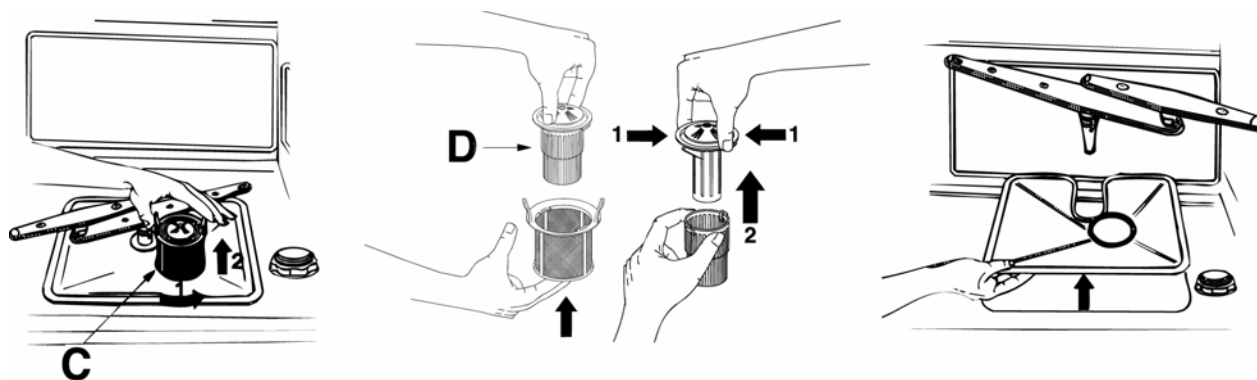
- To remove the **upper** spray arm, unscrew locking ring **R**.
- To remove the **orbital** spray arm assembly, take hold of the longer arm and pull the orbital unit upward. Wash the arms under a jet of running water and return them carefully to their seat. **After reassembly, check that the spray arms turn freely.** Otherwise, check that they have been installed correctly.





CLEANING THE FILTER UNIT

- It is advisable to periodically inspect the centre filter **C** and, if necessary, to clean it. To remove the filter, grip the tabs, turn them anticlockwise and lift upwards;
- push the centre filter **D** from the underside to remove it from the micro-filter;
- separate the two parts which make up the plastic filter by pressing the body of the filter in the zone shown by the arrows;
- remove the centre filter by lifting it upwards.



GENERAL WARNINGS AND RECOMMENDATIONS FOR CORRECT MAINTENANCE:

- The filters should be cleaned **under running water** using a stiff brush.
- It is essential to **thoroughly clean the filters** according to the above instructions: the dishwasher cannot function if the filters are clogged.
- **Carefully replace** the filters in their seats, to avoid damaging the wash pump.

PROLONGED DISUSE:

- Run the soak program twice in succession.
- **Unplug** the power cord from the socket.
- **Leave the door slightly open**, in order to prevent the formation of unpleasant odours inside the washing tank.
- **Fill the rinse aid dispenser**.
- **Shut off the water supply tap**.

**BEFORE STARTING THE DISHWASHER AFTER PROLONGED DISUSE:**

- Check that there are no deposits of sludge or rust inside the water pipe: if there are, allow the water to run from the water supply tap for a few minutes.
- **Plug the power cord back into the socket.**
- **Reconnect the water intake hose and open the tap again.**

TROUBLESHOOTING MINOR PROBLEMS

In some cases it is possible to remedy minor problems by referring to the following instructions:

If the program fails to start, check that:

- *the dishwasher is connected to the electrical power supply;*
- *there is no power failure;*
- *the water tap is open;*
- *the dishwasher door is properly closed.*

If water remains inside the dishwasher, check that:

- *the drain hose is not kinked;*
- *the drain siphon is not obstructed;*
- *the dishwasher filters are not clogged.*

If the dishes are not being cleaned properly, check that:

- *the correct amount of detergent has been added;*
- *there is regenerating salt inside the special container;*
- *the dishes are being loaded correctly;*
- *the selected program is suitable for the dish types and their degree of soiling;*
- *all the filters are clean and positioned correctly;*
- *the spray arm nozzles are not obstructed;*
- *there is no object obstructing the rotation of the spray arms.*



If the dishes fail to dry or remain dull, check that:

- *there is rinse aid inside the special container;*
- *the rinse aid dispenser setting is correct;*
- *the detergent used is of good quality and has not lost its effectiveness (for example, through incorrect storage, with the box left open).*

If the dishes show signs of streaking, staining, etc., check that:

- *the rinse aid dispenser setting is not too high.*

If there are visible traces of rust inside the tank:

- *the tank is made of steel, and therefore any rust marks are due to external elements (fragments of rust from the water pipes, pots, cutlery, etc.). Special products are commercially available to remove such marks;*
- *check that the amount of detergent being used is correct. Certain detergents can be more corrosive than others.*
- *check that the cap of the salt container is securely closed, and that the water softening setting is correct.*



If after following the above troubleshooting instructions the problem persists, call the nearest After-Sales Centre.

WARNING: any operations performed on the appliance by unauthorised persons are not covered by the warranty and shall be paid for by the user.



11. Troubleshooting

The dishwasher has an autodiagnosis system capable of detecting and indicating a preset series of possible malfunctions.

If a malfunction occurs, the relative name indicating the possible cause of the malfunction appears on the **DISPLAY (G)**. The following table summarises the main possible malfunctions and provides brief descriptions.

TABLE OF MALFUNCTIONS DETECTED BY THE AUTODIAGNOSIS SYSTEM

MALFUNCTION - DESCRIPTION
Acquastop failure The anti-flooding system has been activated (for the relevant models only). The system is tripped in case of water leaks. Contact the after-sales service.
Safety device tripped The system which limits the water level inside the dishwasher has been tripped. Interrupt the programme and switch off the dishwasher. Switch the dishwasher back on, programme it again and start the washing cycle. If the problem persists, contact the after-sales service.
Heating k.o. The water is not heated or the heating parameters are not correct. Repeat the washing programme; if the problem persists, contact the after-sales service.
Temperature sensor k.o. Interrupt the programme and switch off the dishwasher. Switch the dishwasher back on, programme it again and start the washing cycle. If the problem persists, contact the after-sales service.
Tap turned off The appliance does not take in water or does not do so correctly. Check that the water connections are correct, the water intake tap is turned on and the filter is not fouled. If the problem persists, contact the after-sales service.
Drain blocked If the appliance does not pump out the water or does not do so correctly. Check that the drain hose is not kinked or crushed and that the syphon and filter are not fouled. If the problem persists, contact the after-sales service.



MALFUNCTION - DESCRIPTION

Litre counter k.o. (for the relevant models only)

The appliance is not able to "measure" the amount of water loaded accurately. Interrupt the programme and switch off the dishwasher. Switch the dishwasher back on, programme it again and start the washing cycle. If the problem persists, contact the after-sales service.

Alternate washing failure (for the relevant models only)

Interrupt the programme and switch off the dishwasher. Switch the dishwasher back on, programme it again and start the washing cycle. If the problem persists, contact the after-sales service.

Level pressure switch k.o.

Contact the after-sales service.

- **"Acquastop failure", "Safety device tripped", "Heating k.o.", "Temperature sensor k.o.", "Alternate washing failure" and "Level pressure switch k.o."** trigger an immediate termination of the programme in progress.
- **"Tap turned off" and "Drain blocked"** interrupt the programme in progress and then continue it as soon as the cause of the problem has been dealt with.
- **"Litre counter k.o."** is displayed at the end of the cycle, which however is completed since the problem does not interfere with operation of the dishwasher.

To reset an alarm, proceed as follows:

- open or close the door, or switch the appliance off and back on. The dishwasher can now be programmed again.



If the malfunction persists, contact your authorised Service Centre.

**TECHNICAL DATA**

Width	597 ÷ 599 mm
Depth measured flush with the outer edge of the control panel	550 mm
Height (depending on models)	from 820 mm to 870 mm from 860 mm to 910 mm
Capacity	12 Standard place settings
Water supply pressure	min. 0,05 - max. 0,9 MPa (min. 0.5 – max. 9 bar)
Electrical characteristics	See rating plate

